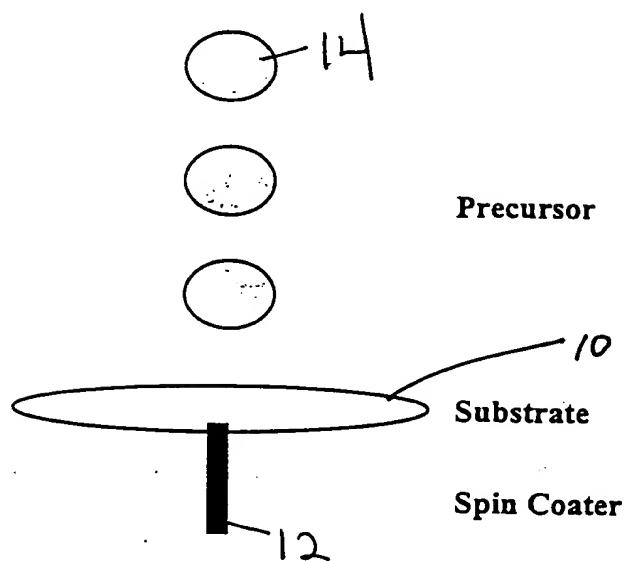


Film Preparation

Deposition



Spin Coating

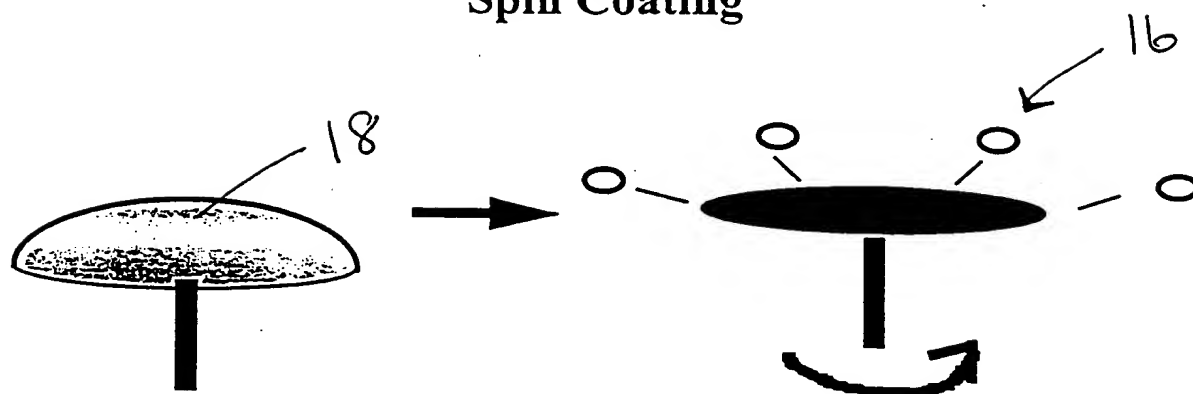


FIGURE 1

Solution Preparation

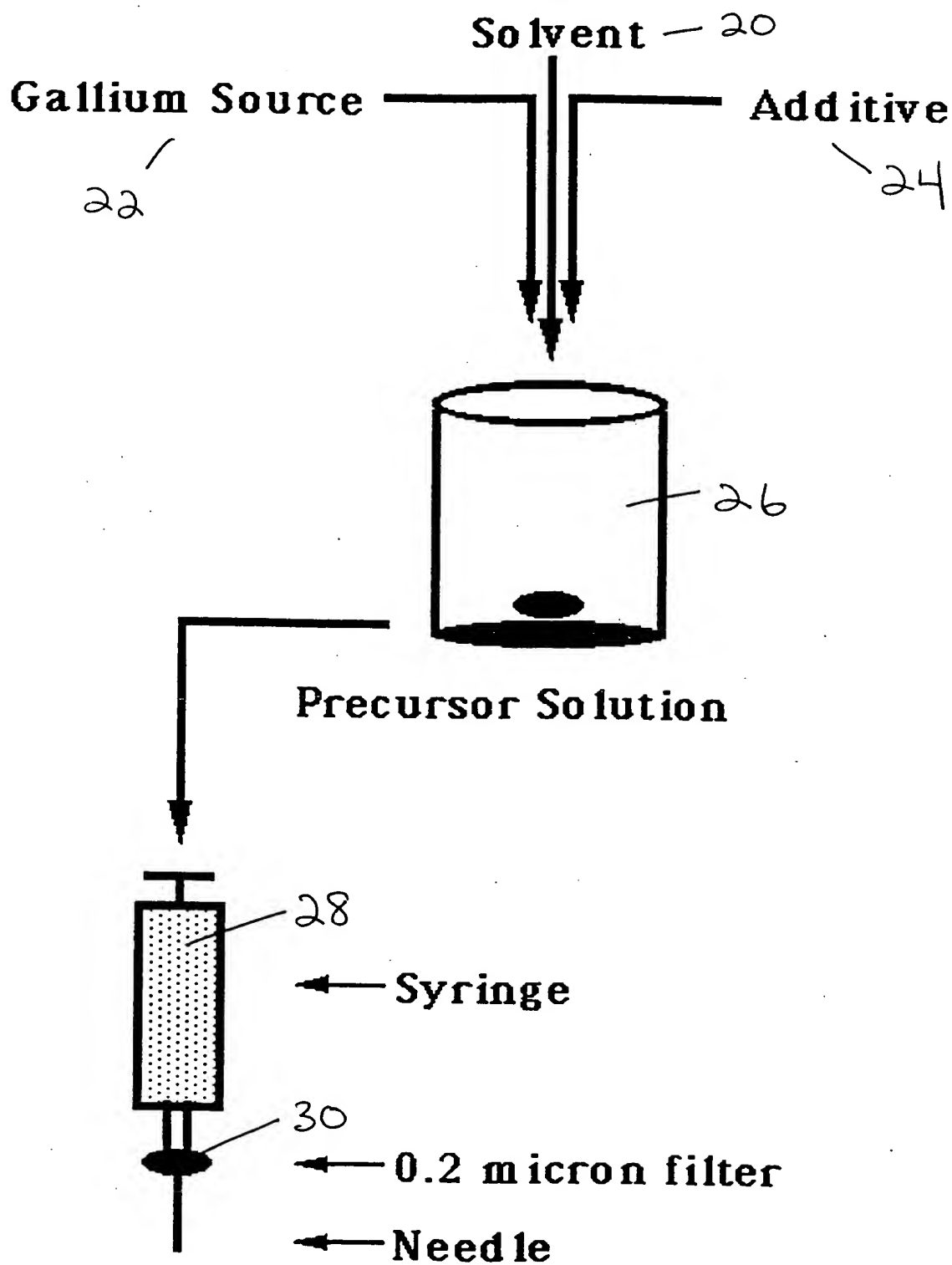
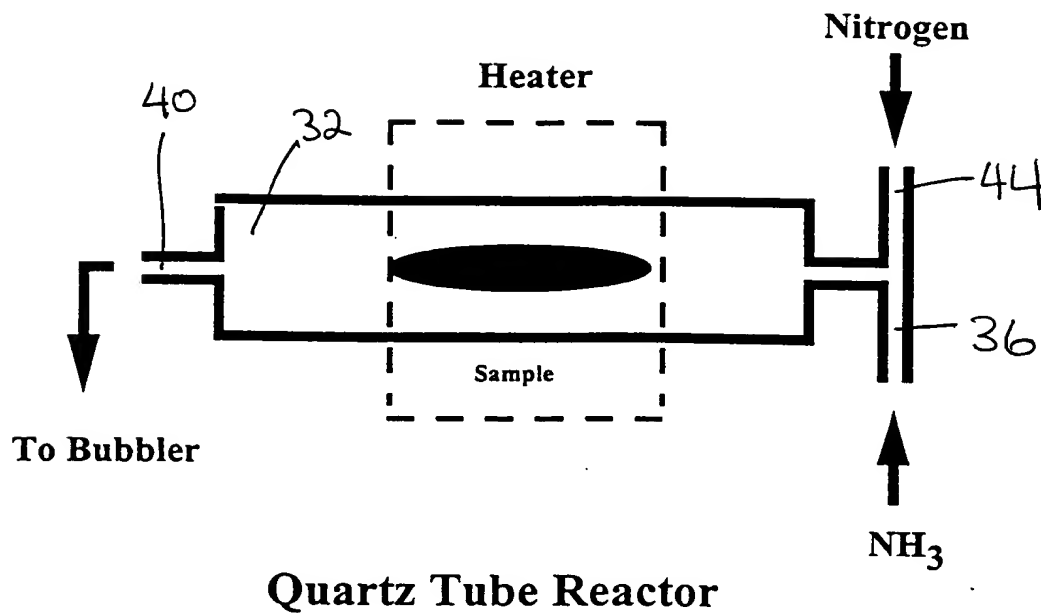


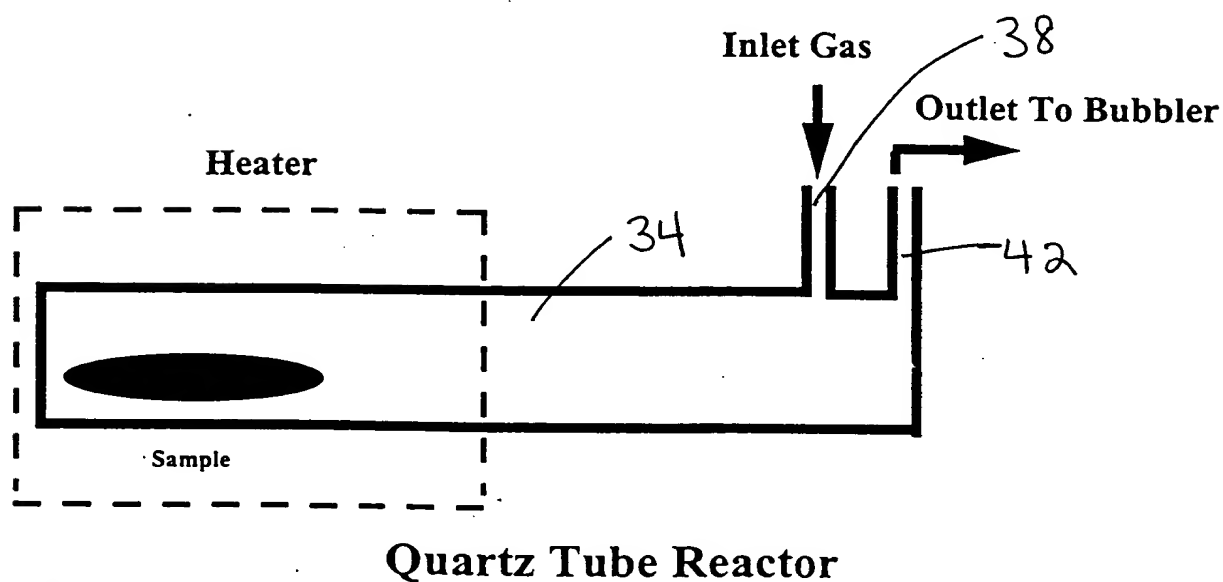
FIGURE 2

Flow Through Reaction Tube



A

Schlenk Reaction Tube



B

FIGURE 3

Mass Spectrometer Experiment

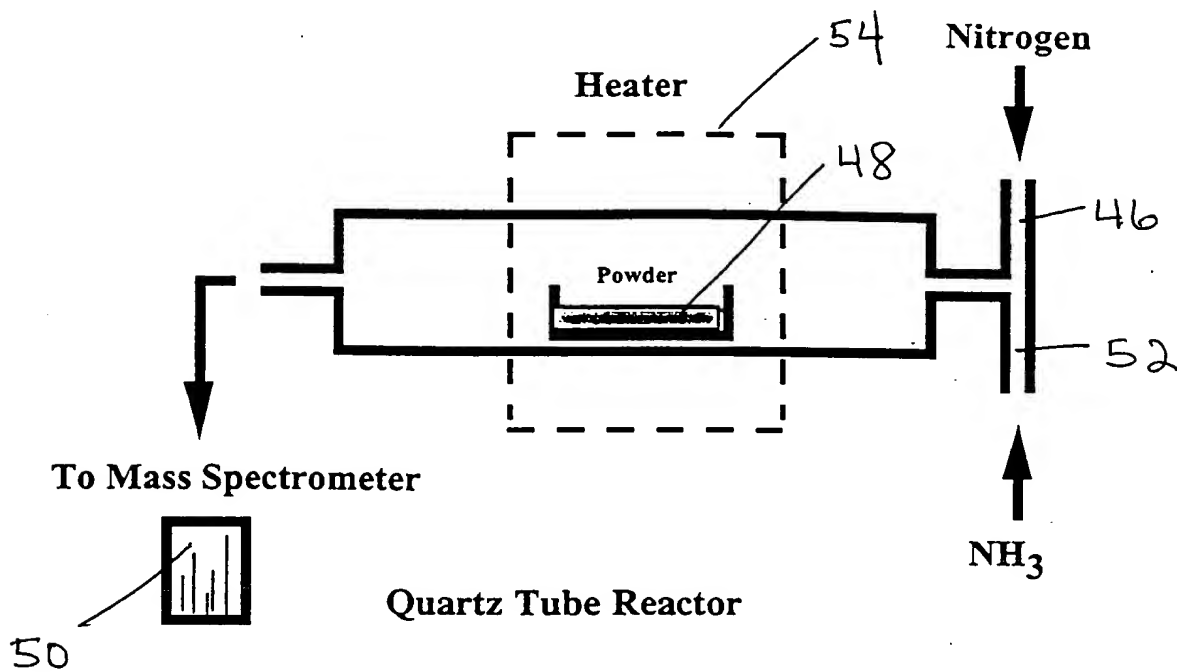


FIGURE 4

(C-plane) Al₂O₃ Substrate

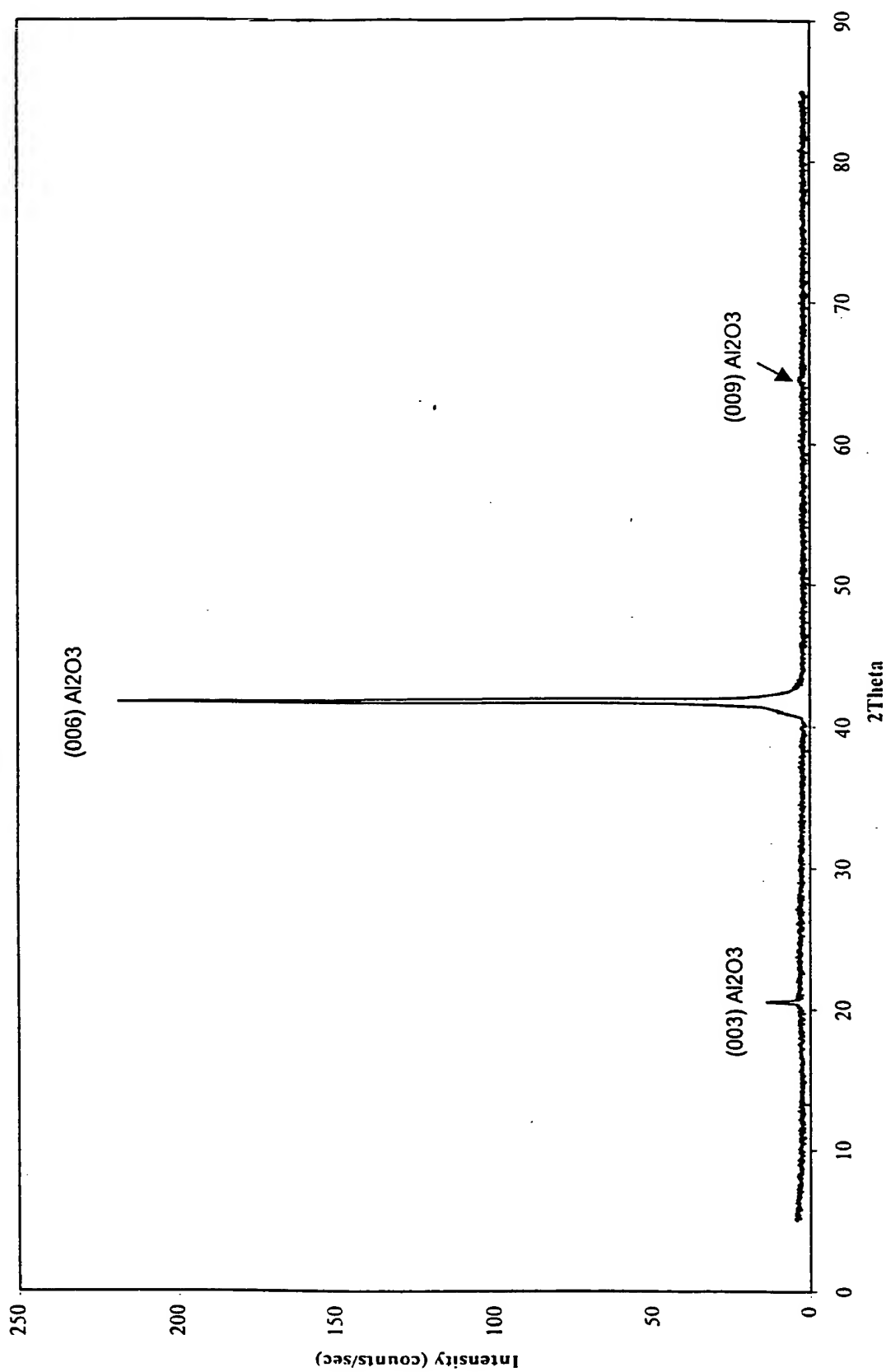


FIGURE 5A

Figure 5B

GaN from GDA, 1000C

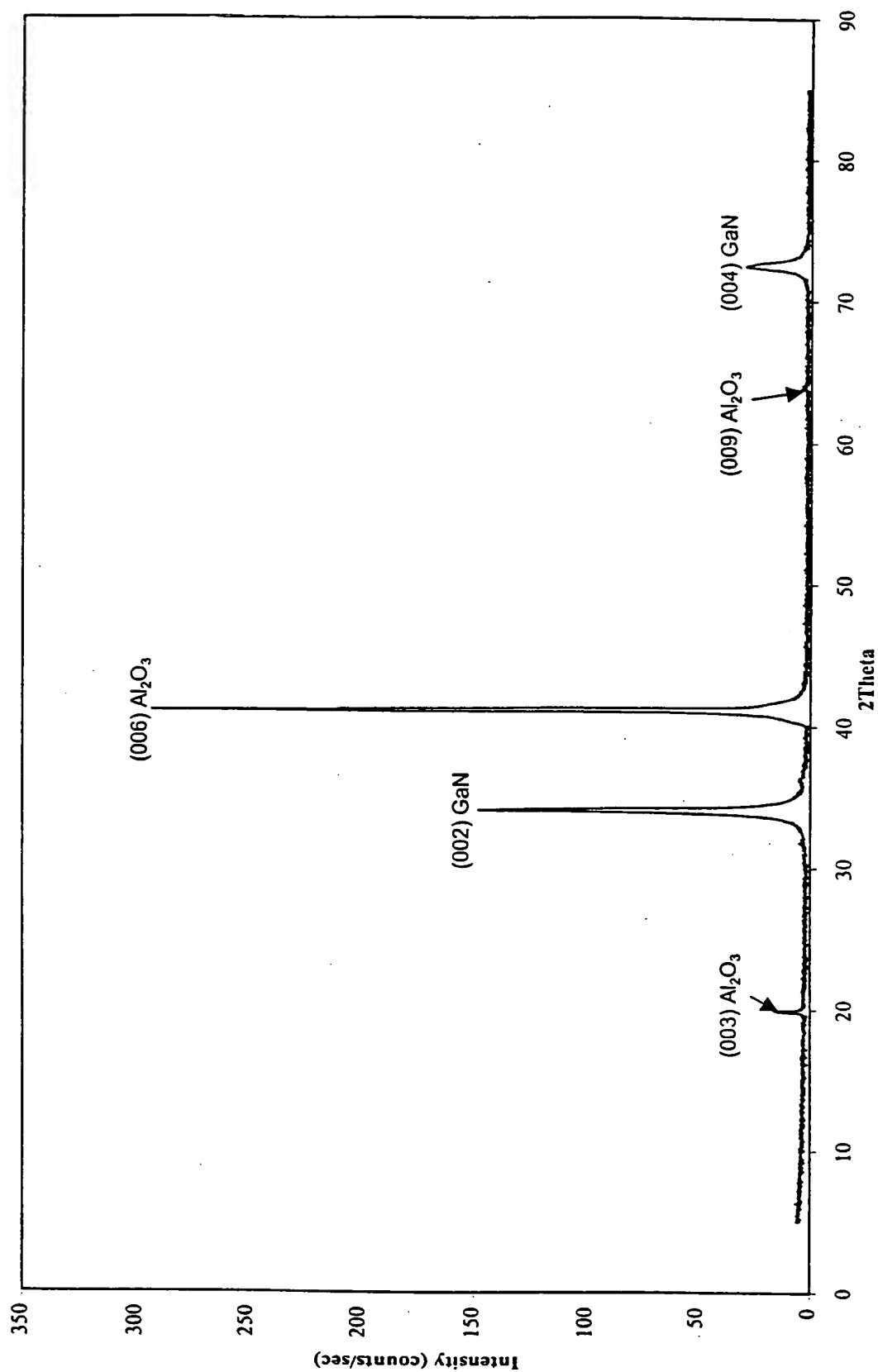


FIGURE 5B

Off-Axis Phi Scan, GaN on Al₂O₃

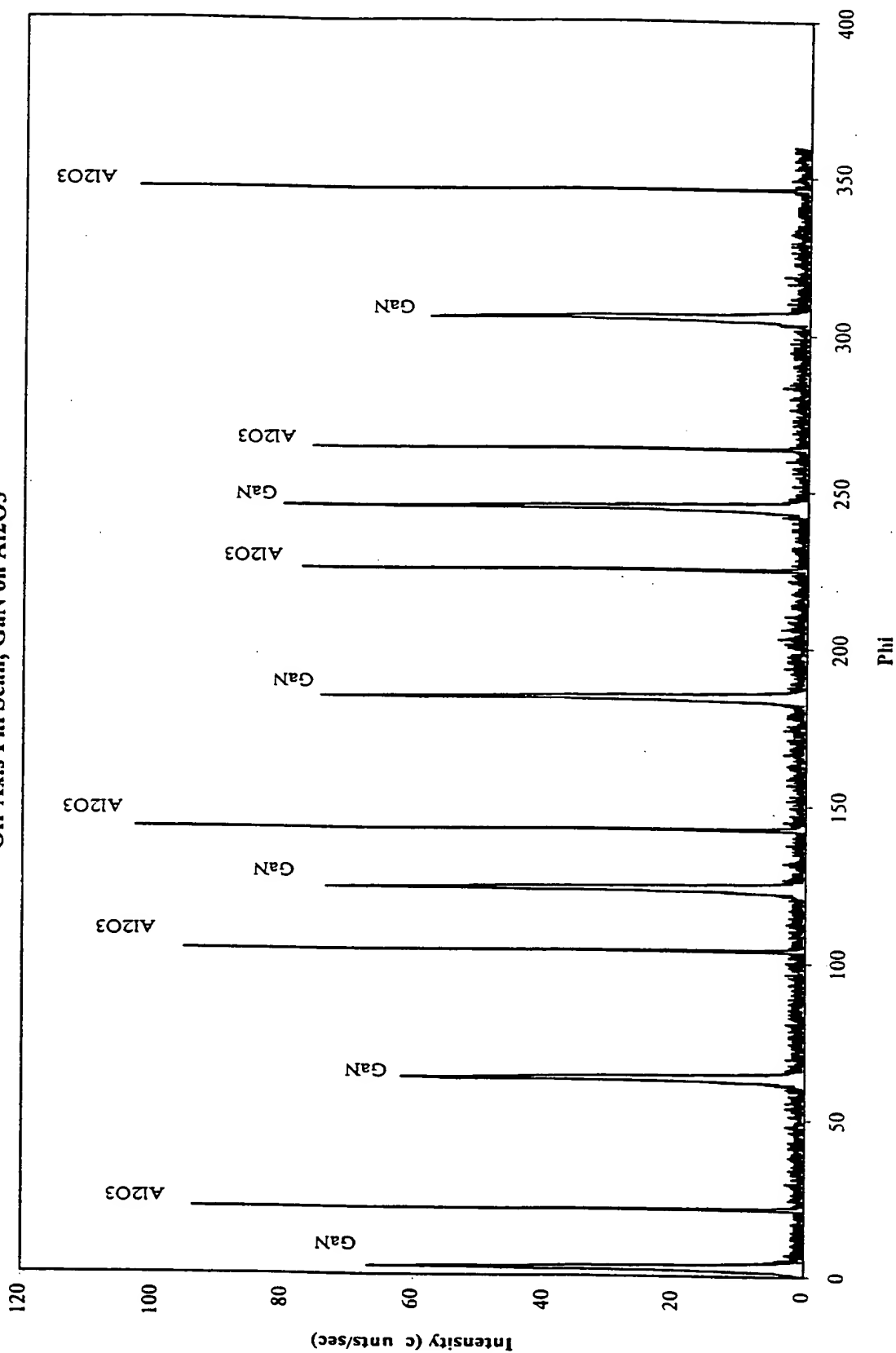


FIGURE 6

TOPZT* 69550550

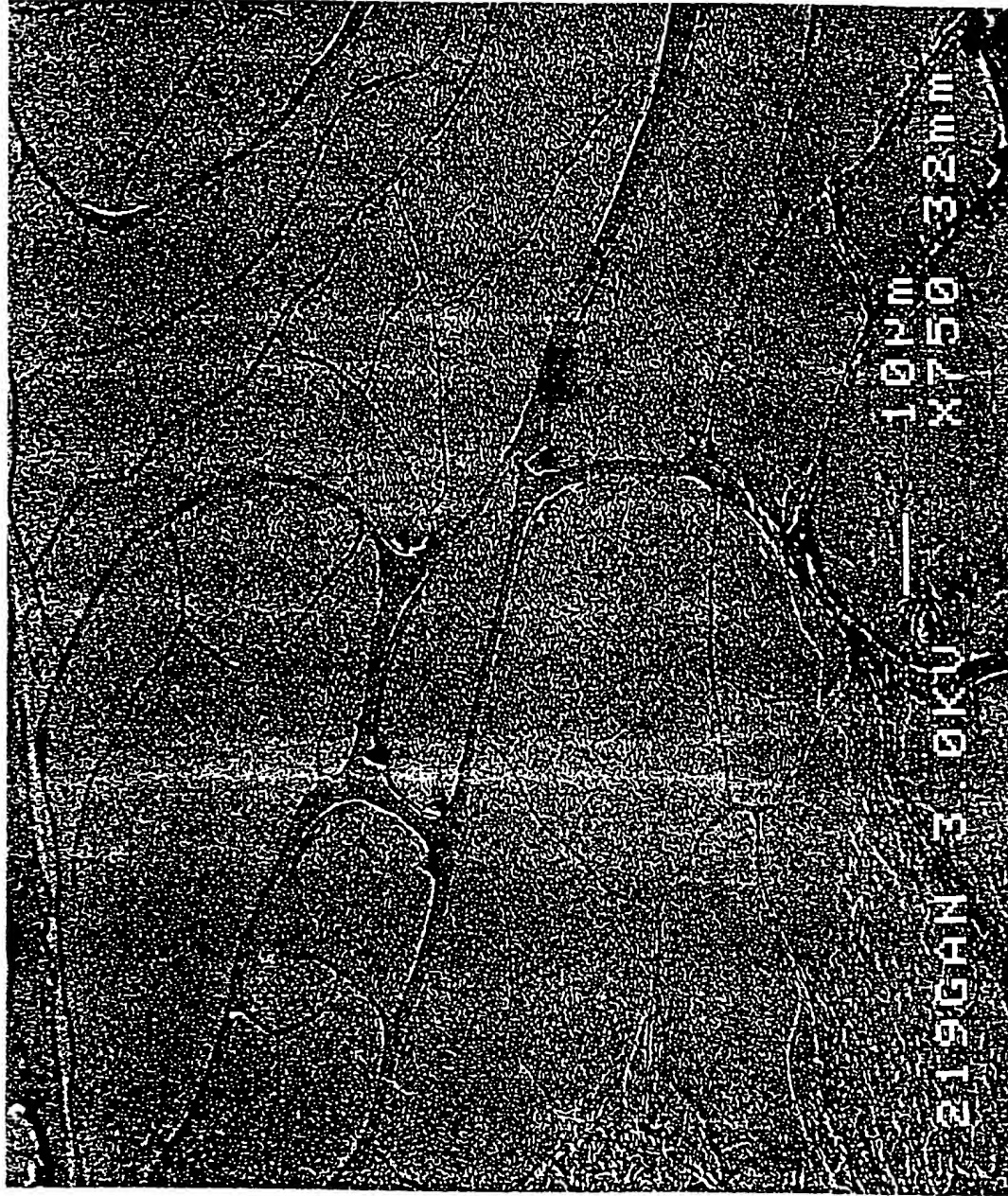


FIGURE 7

220GAK 3 0KV — 10µm X1,000 11mm

FIGURE 8

FOOT " 6000000

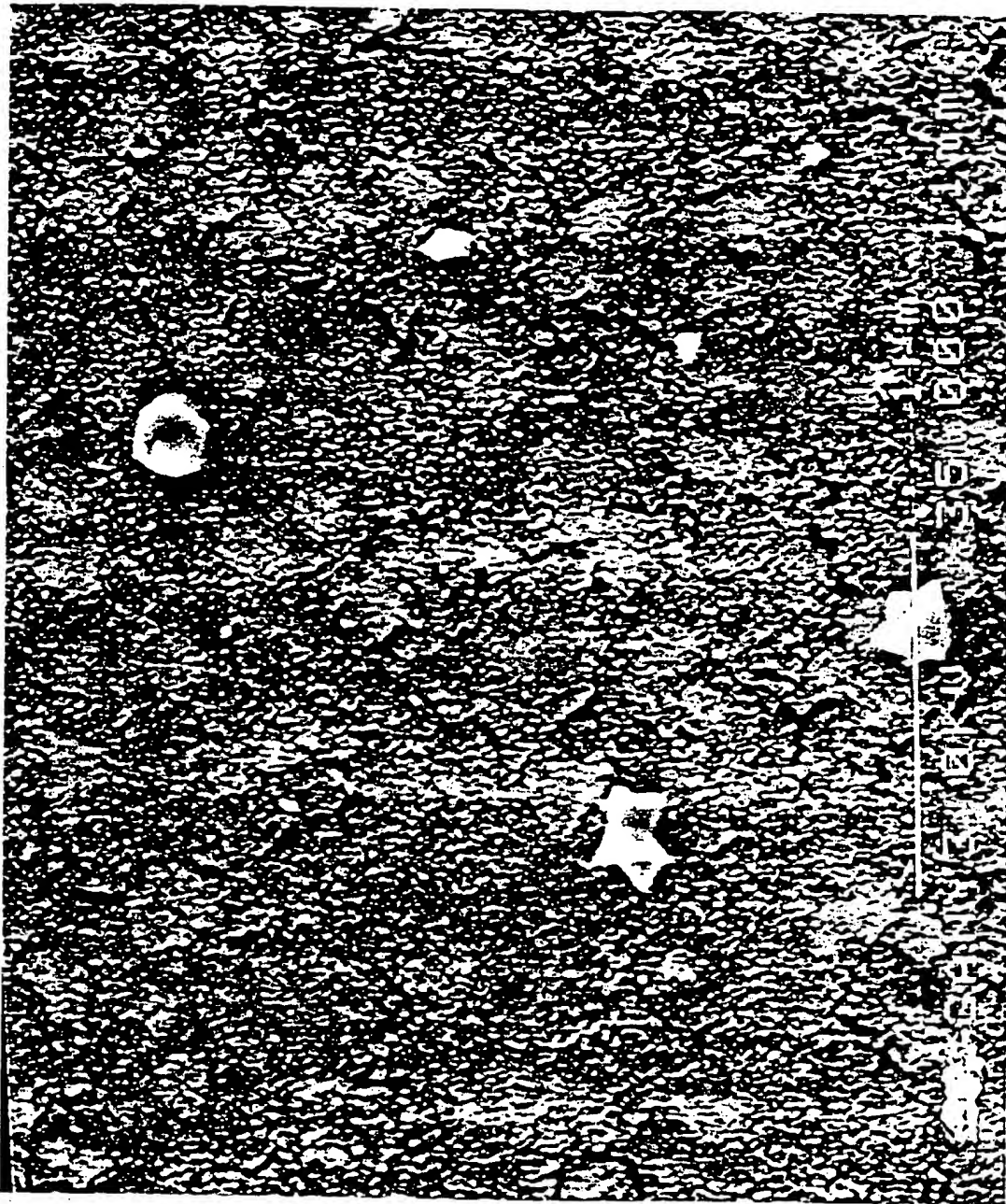


FIGURE 9

TOPZT " 6968888

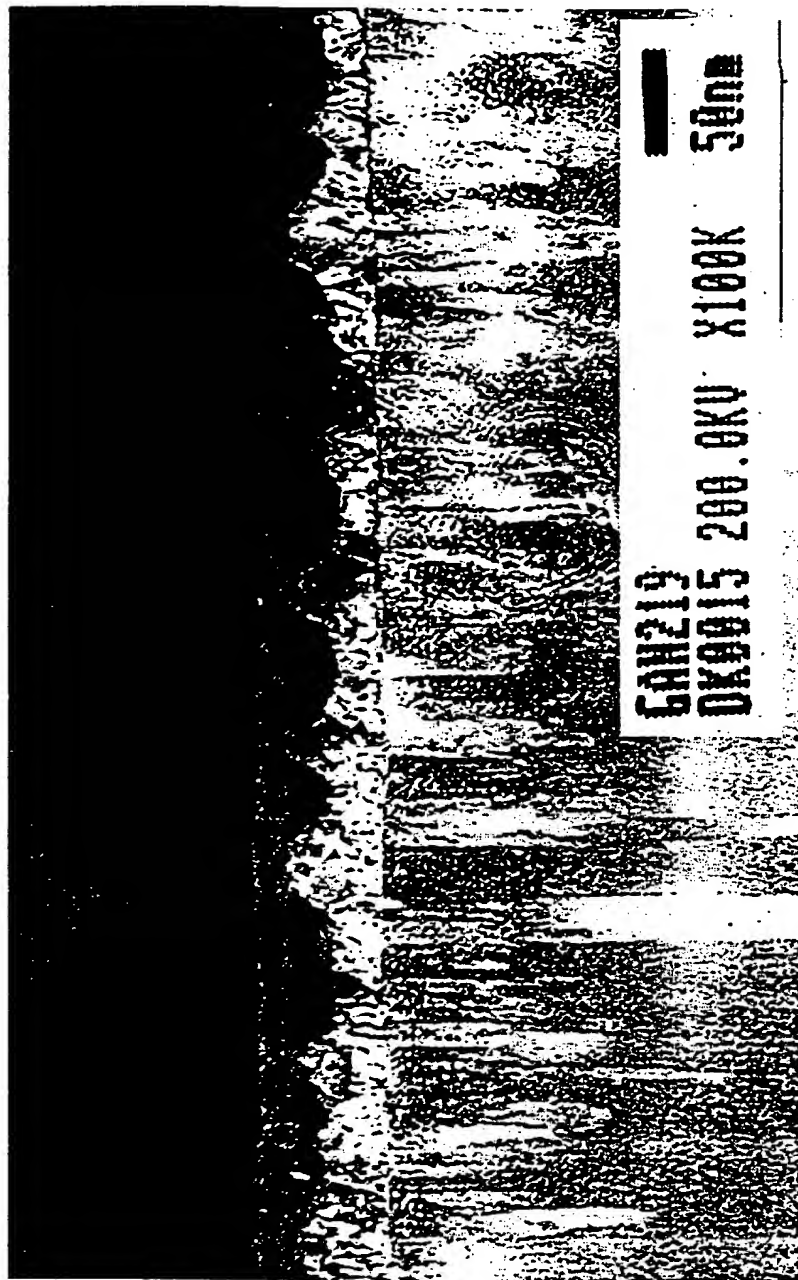


FIGURE 10

A high-contrast, black and white image of a fingerprint. The fingerprint is centered and shows clear ridge patterns. It is surrounded by a dark, textured area, possibly a smudge or ink. The background is white with scattered black specks.

GAH219
DK0009 200.0KV 83.0cm

FIGURE 11

50219

288.0KV 83.8cm

FIGURE 12

GAH219
NYA011 200 000 83 000

FIGURE 13

64M219
 000000 200 0XII X250K 2800

FIGURE 14

100nm

GDAT280C-HP-3

FIGURE 15

700277 226060



FIGURE 16

GaN from GDA, 600C

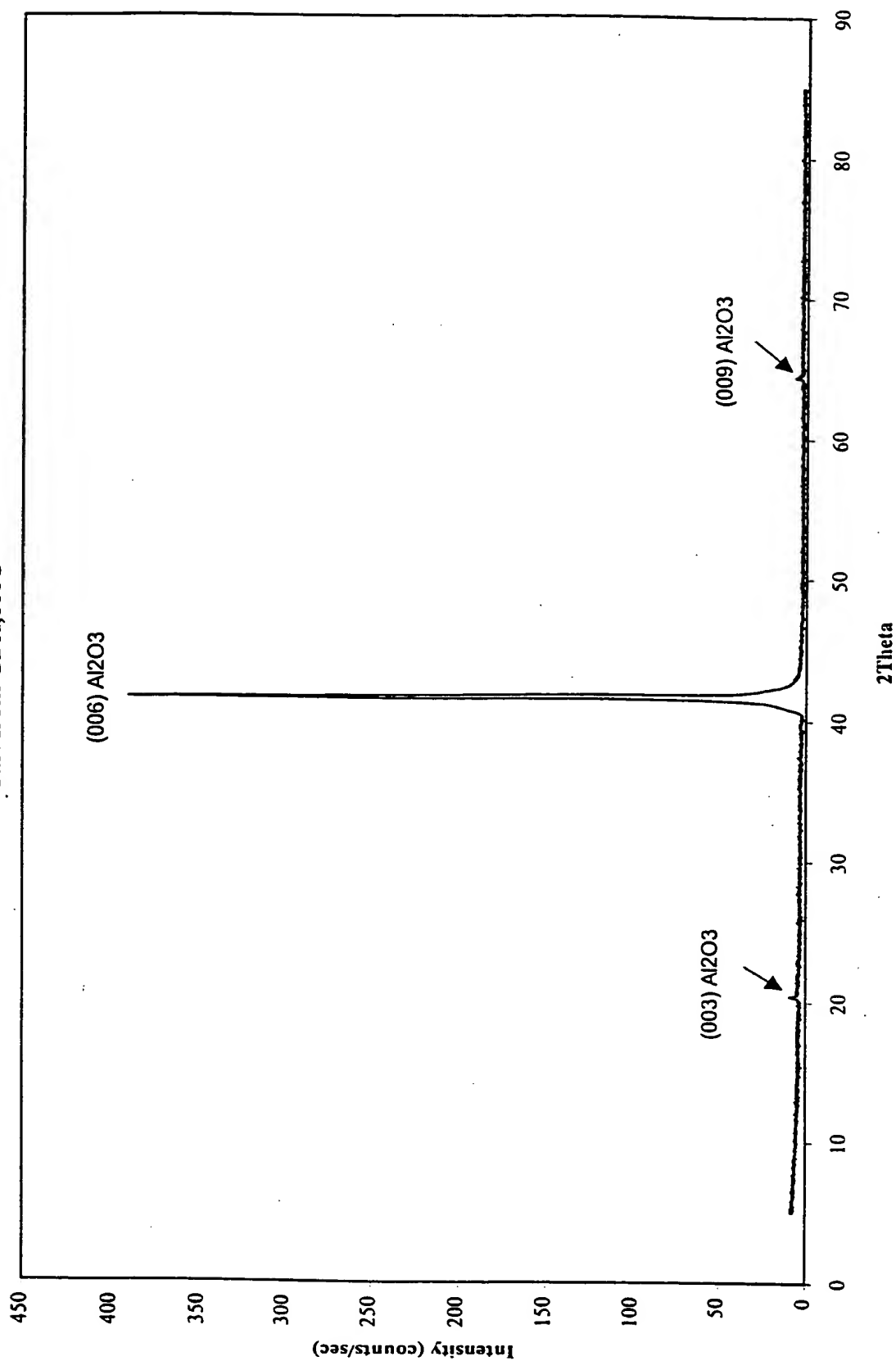


FIGURE 17A

GaN from GDA, 800C

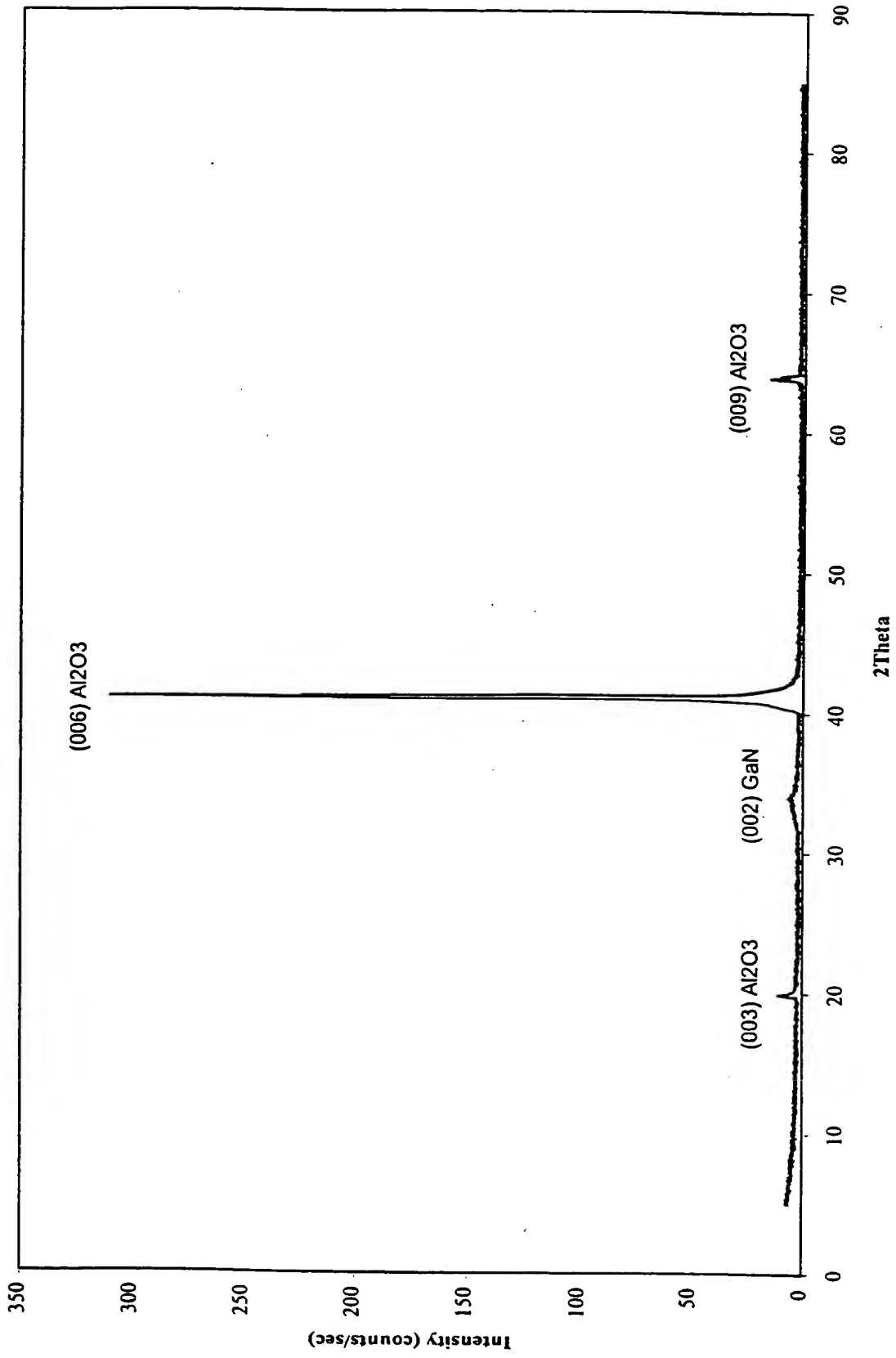


FIGURE 17B

Figure 17C

GaN from GDA, 900C

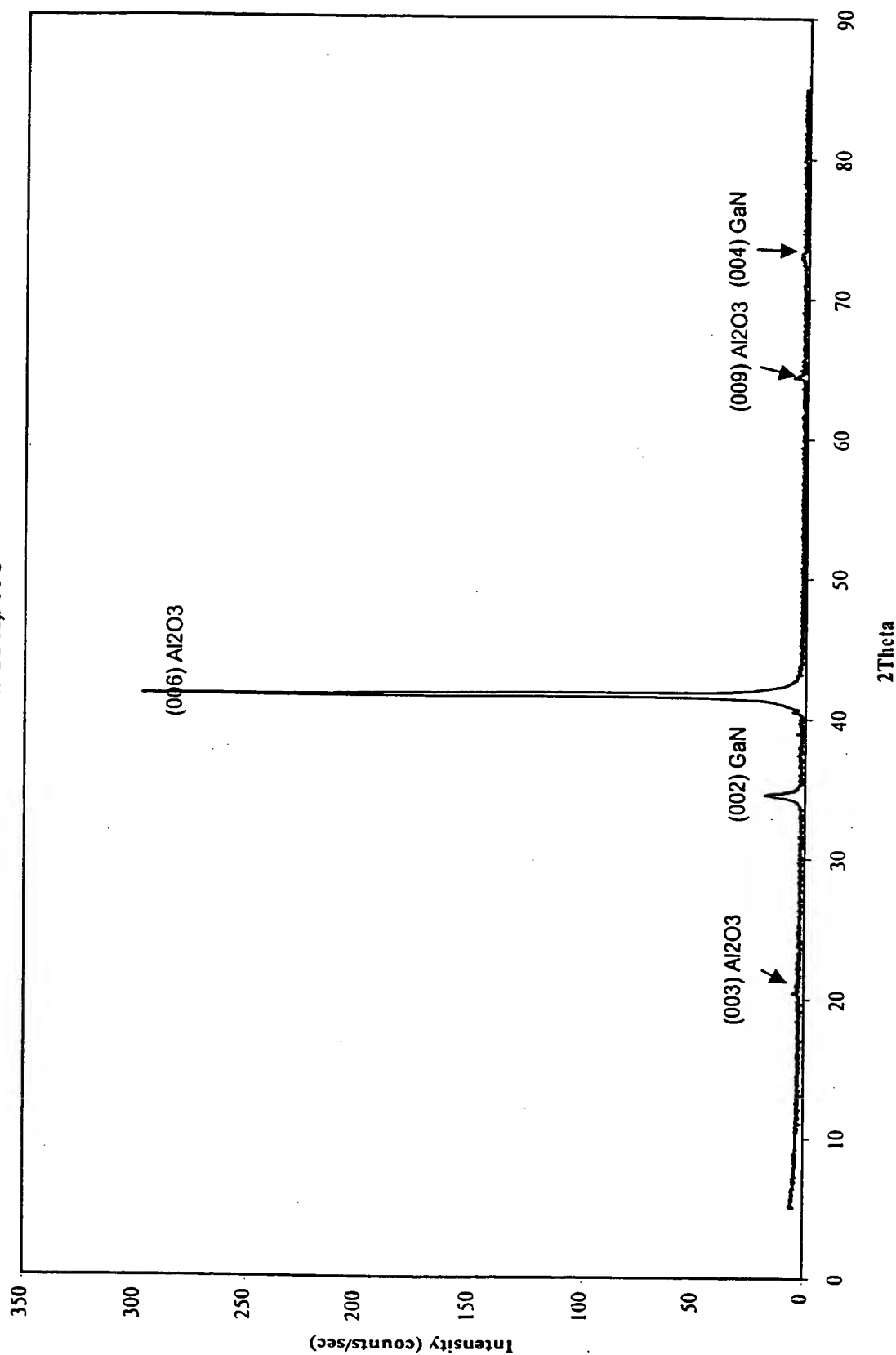


FIGURE 17C

GaN from GDA, 1000C

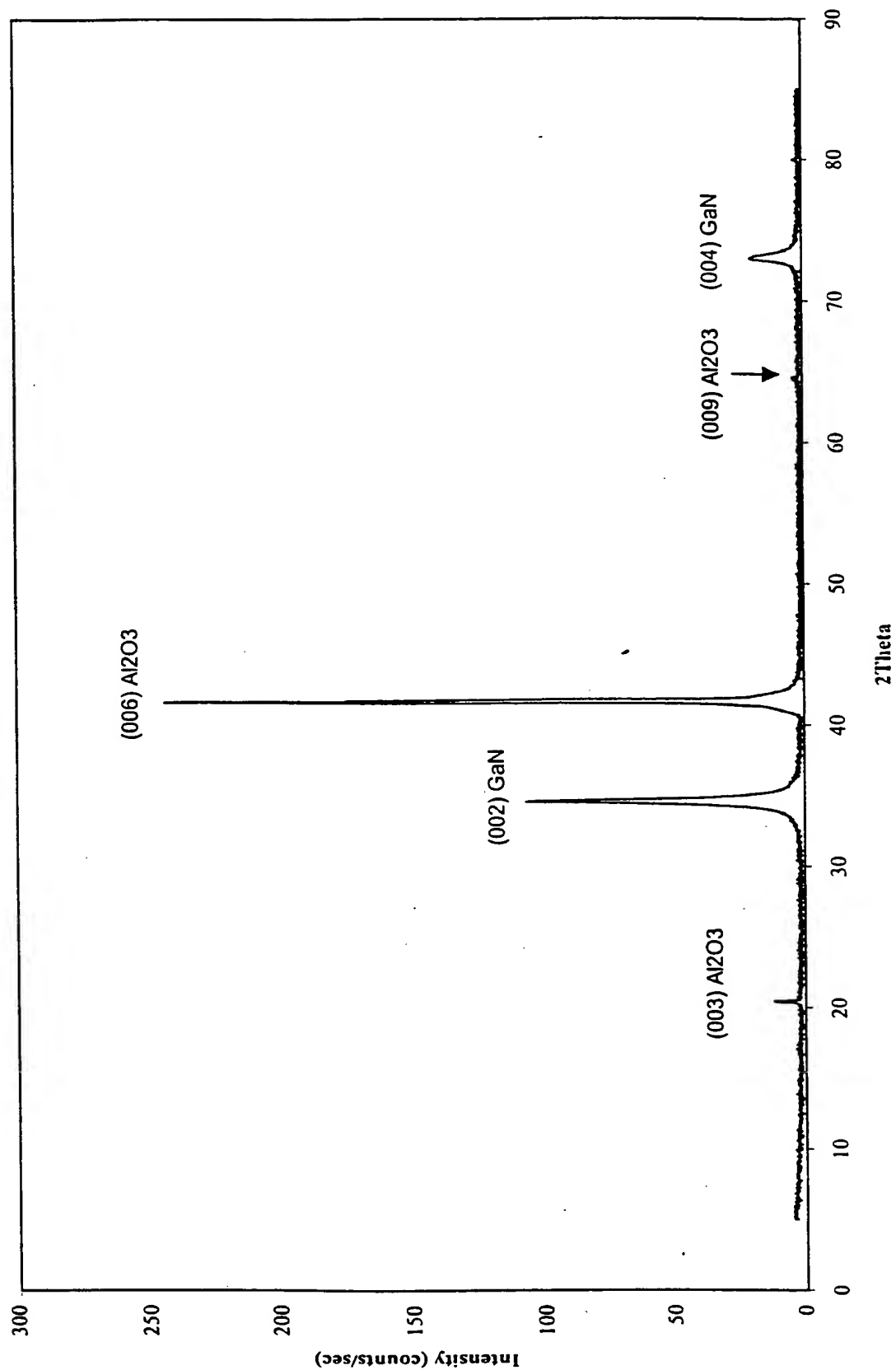


FIGURE 17D

GaN Powder from Ga₂O₃ in Ammonia

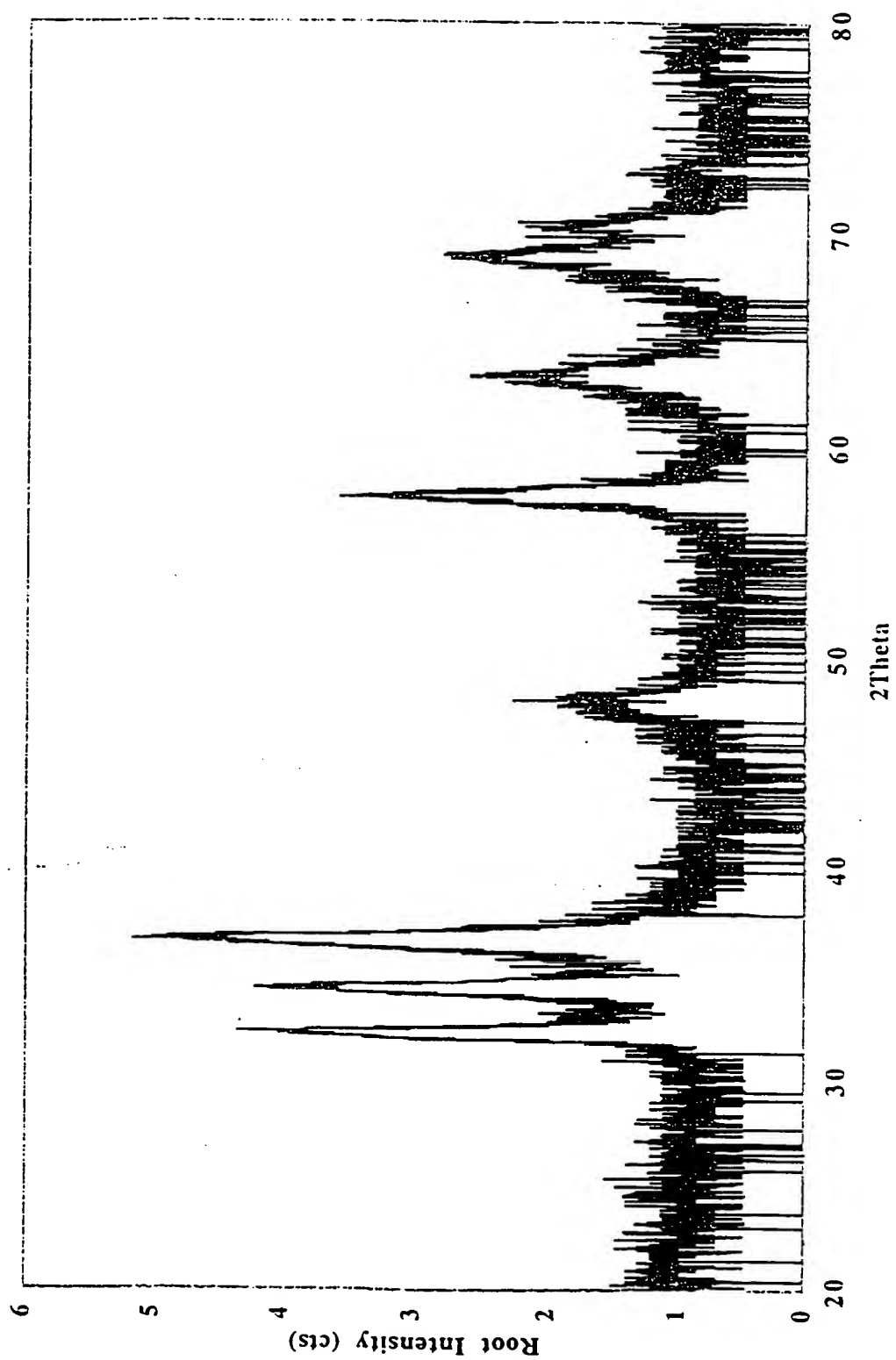


FIGURE 18

GaN Film from GNO Precursor (1 coat)

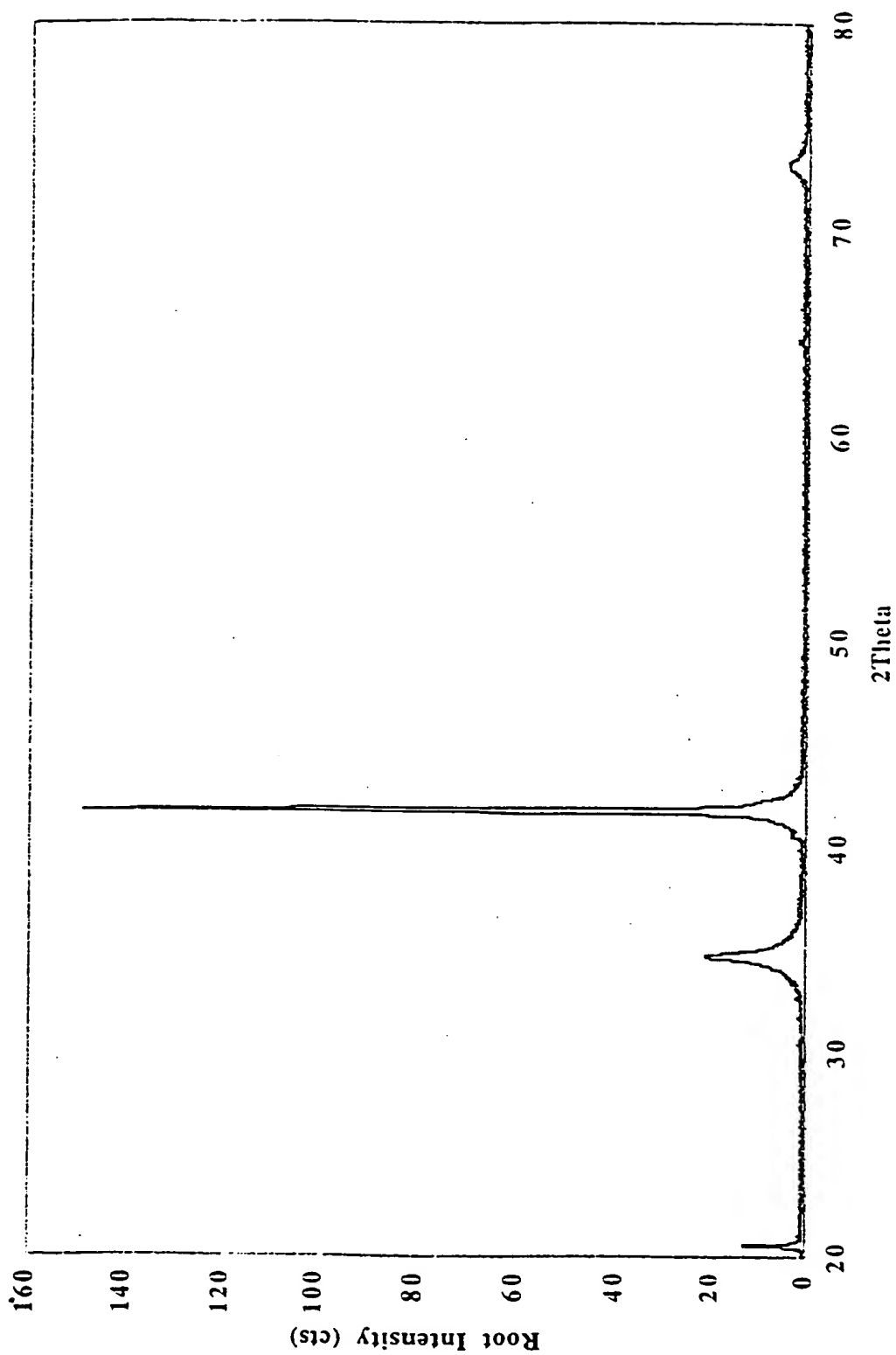


FIGURE 19A

GaN Film from GIP Precursor

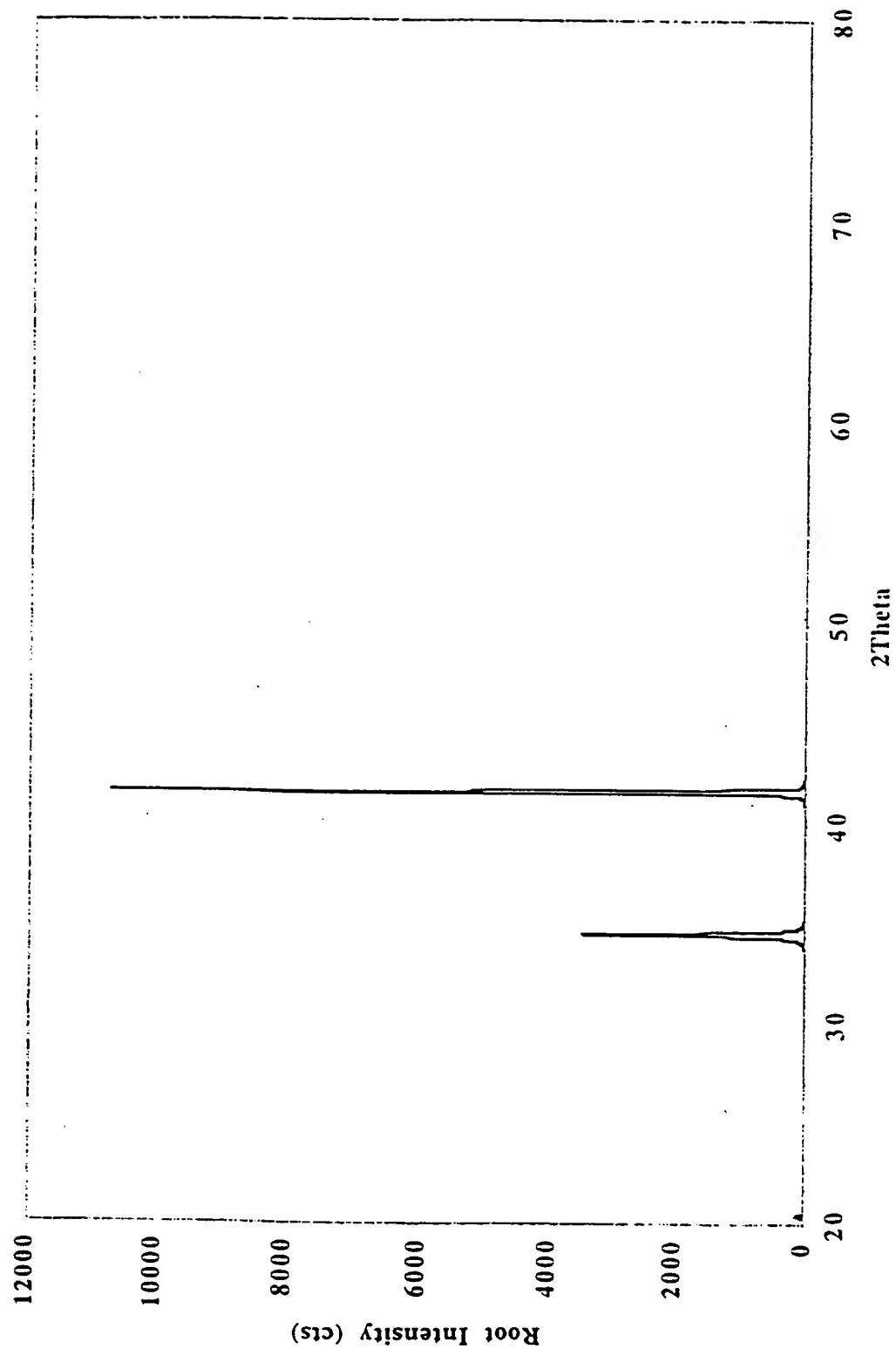


FIGURE 19B

Off Axis Phi Scan of Gan Film from GIP Precursor

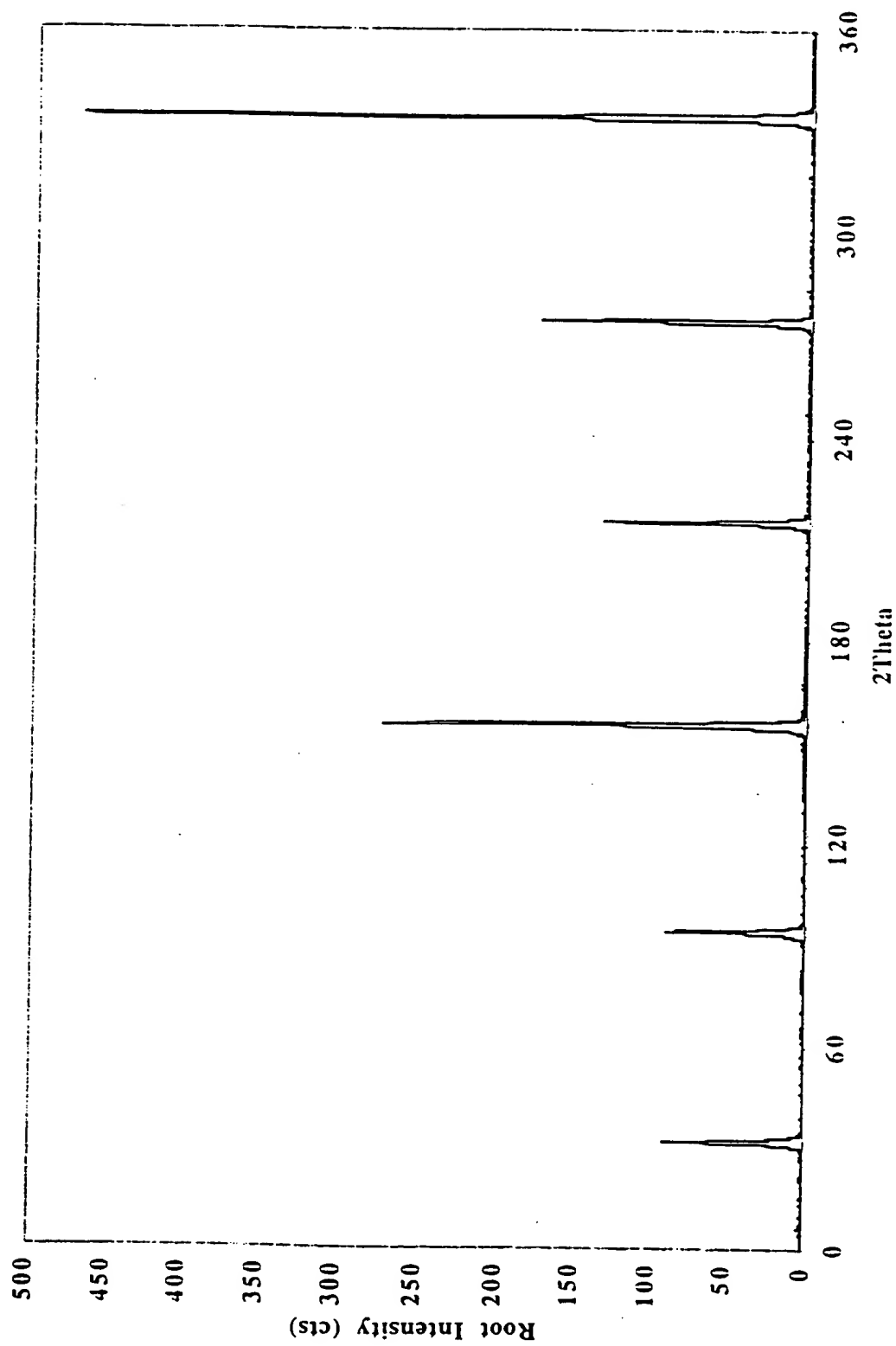


FIGURE 20

TOP SECRET - CONFIDENTIAL

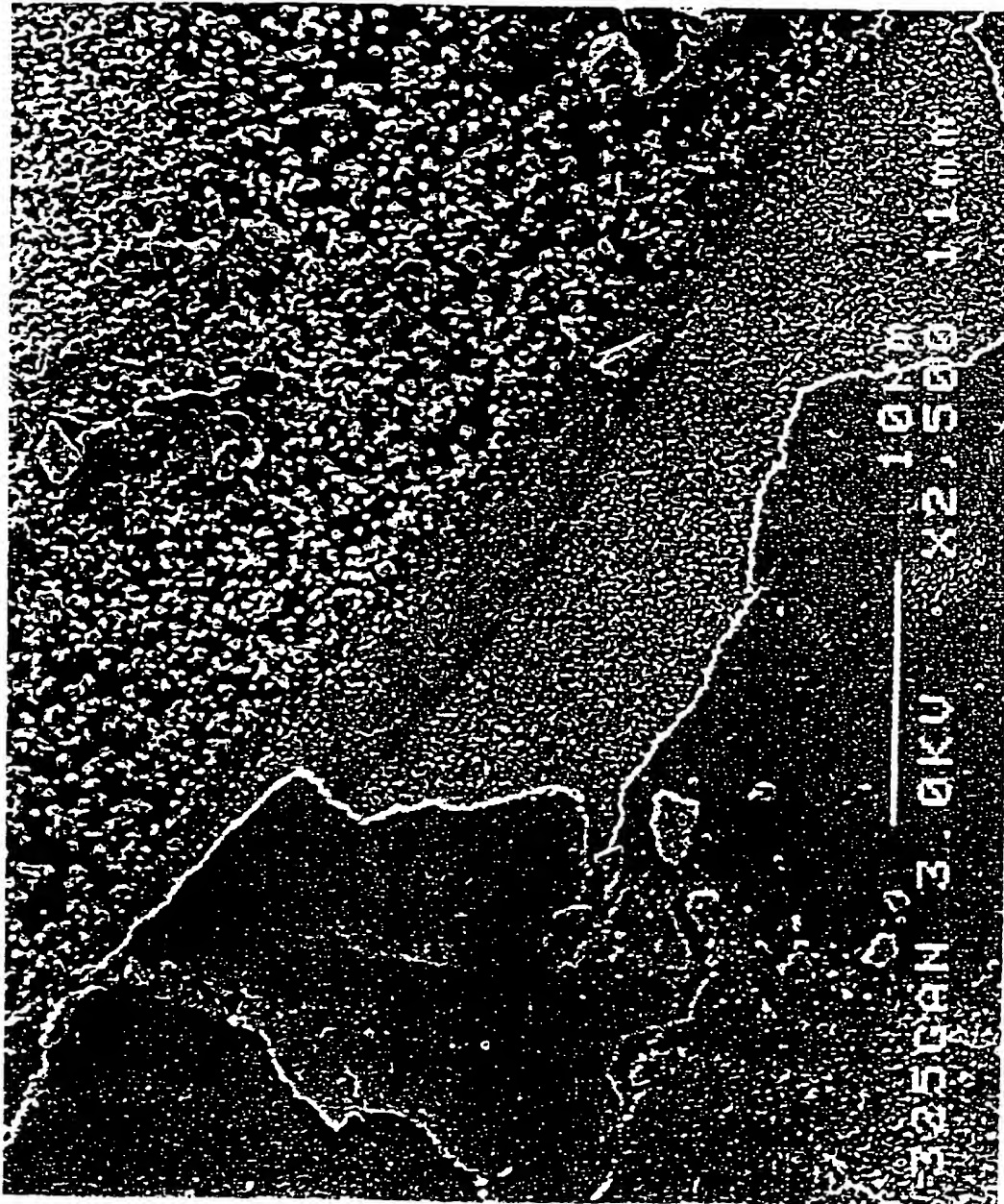


FIGURE 21

3255AH 3.0KU — X5.000 11mm

FIGURE 22

3256AH 3.0KV -100nm X40,000 1um

FIGURE 23

250641 3. 0KV. X40. 200 11m

FIGURE 24

TOP "SSSSSS"

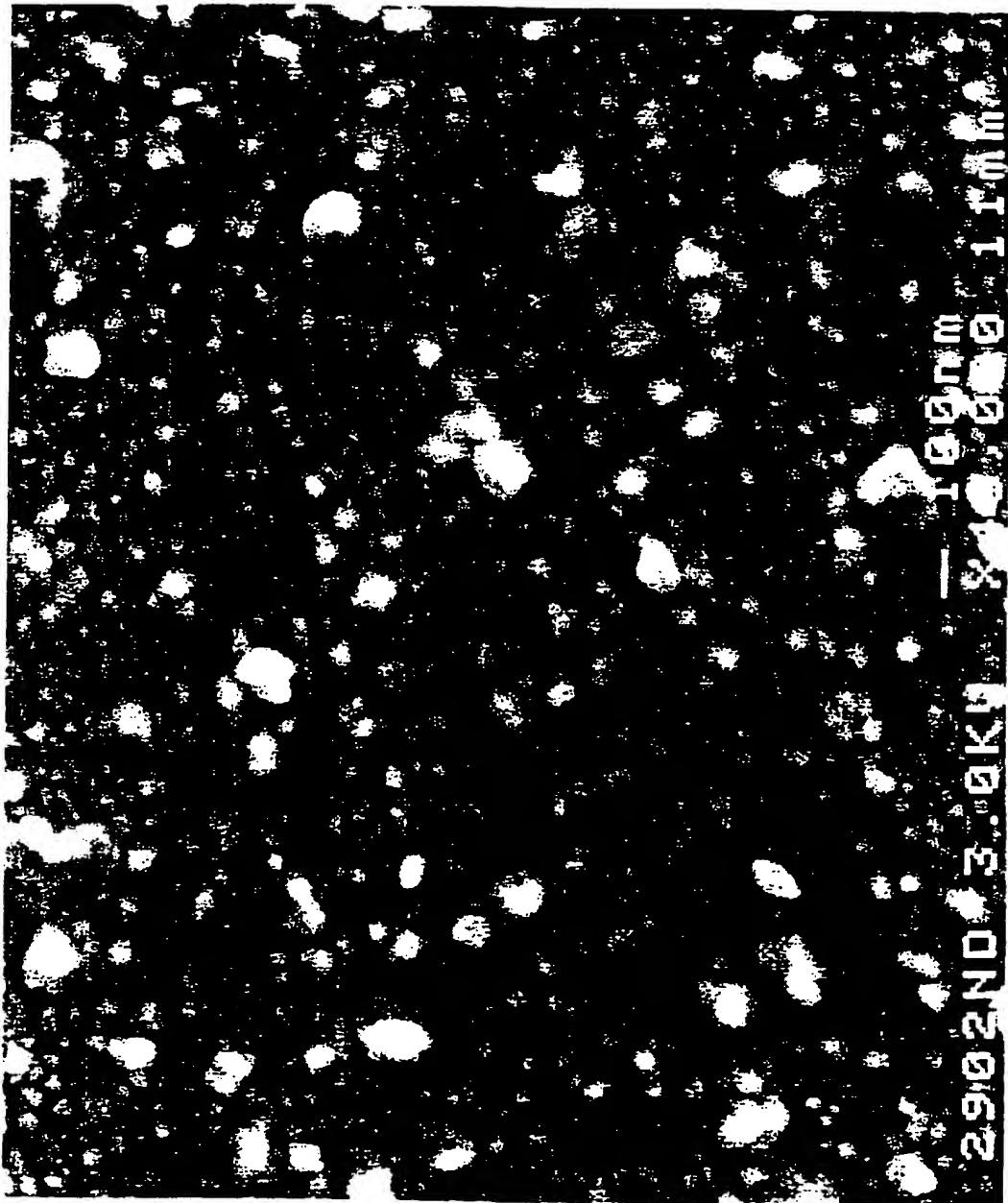


FIGURE 25

GaN Film from GNO Precursor (2 coats)

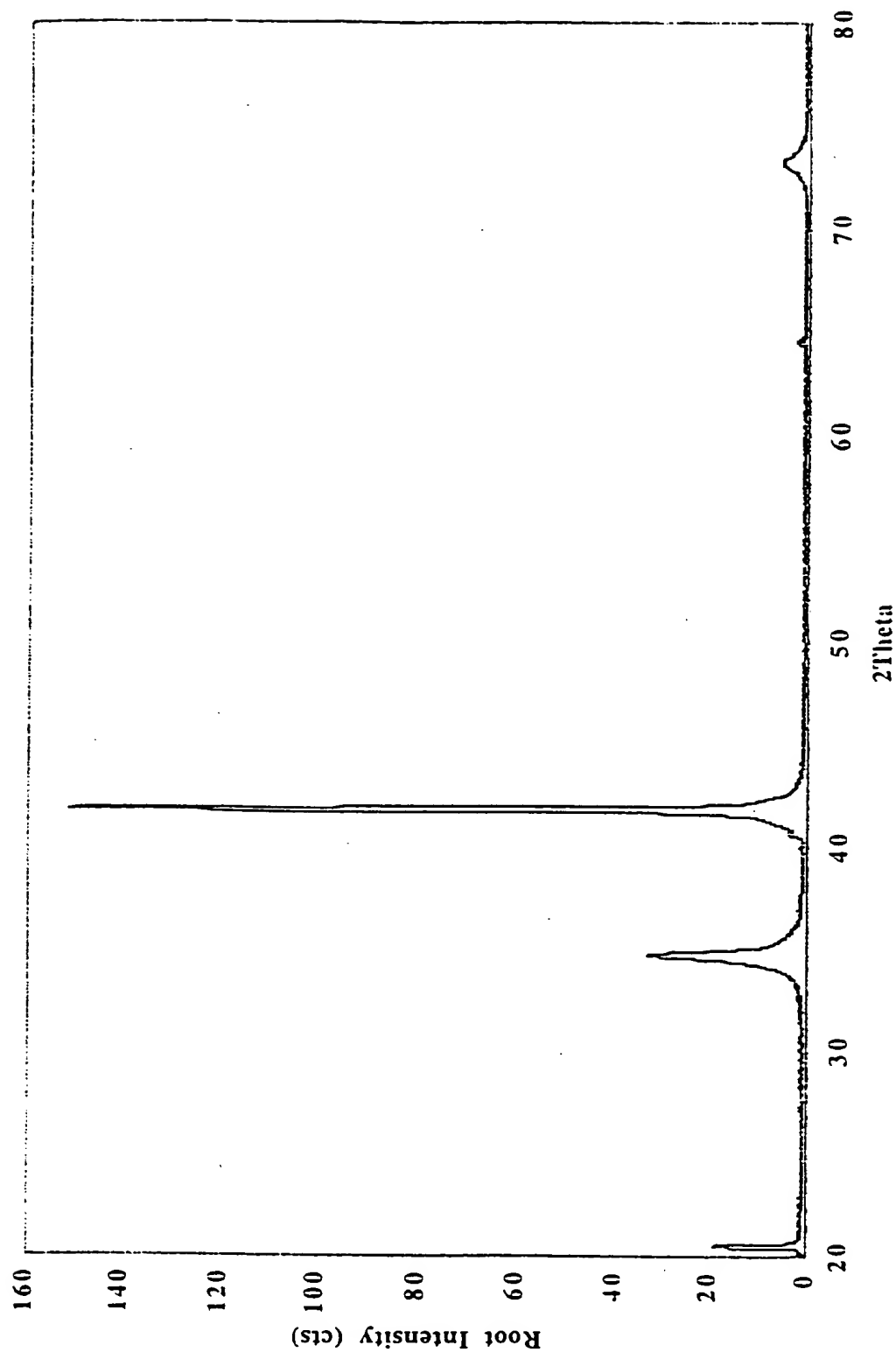


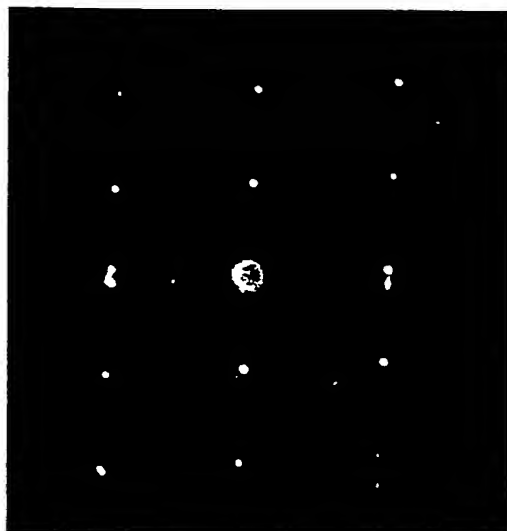
FIGURE 26



(a)



(b)



(c)

FIGURE 27

GaN290 77K

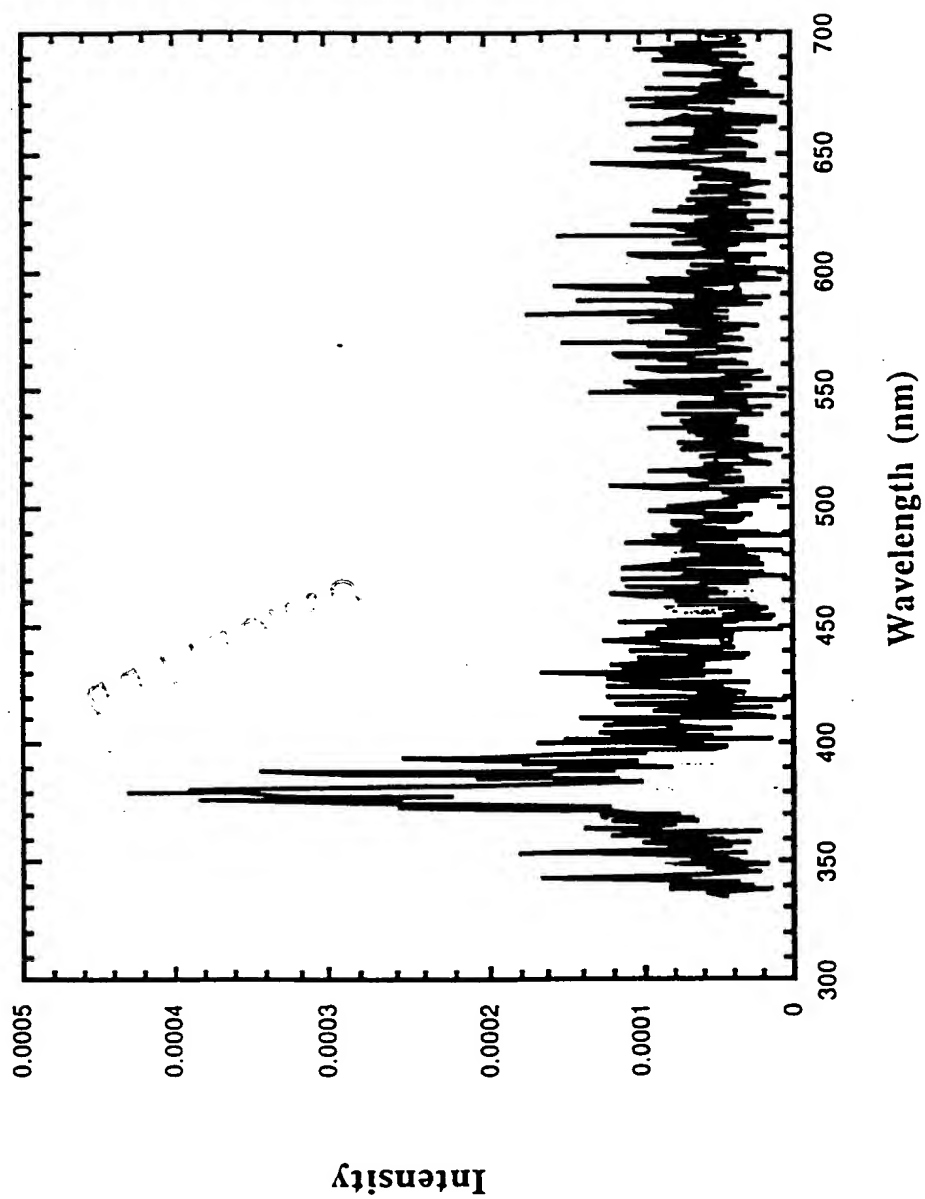


FIGURE 28